



BOX AF

Docket No. 49979 (71965)

AF/1600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Y. Taya et al.

U.S.S.N. 09/618,424

EXAMINER: K. Padmanabhan

FILED: July 18, 2000

ART UNIT: 1641

FOR: METHOD FOR DETECTING ACETYLTRANSFERASE AND  
DEACETYLASE ACTIVITIES AND METHOD FOR SCREENING  
INHIBITORS OR ENHANCERS OF THESE ENZYMES

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX: AF

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MAR 13 2003

TECH CENTER 1600/2900

RESPONSE UNDER 37 CFR §1.116  
EXPEDITED PROCEDURE  
EXAMING GROUP 1641

AMENDMENT OR RESPONSE AFTER FINAL REJECTION - TRANSMITTAL

1. Transmitted herewith is an amendment for this application.

STATUS

2. Applicant is  
[ ] a small entity. A statement:  
[ ] is attached.  
[ ] was already filed.  
[X] other than a small entity.

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

- ☒ deposited with the United States Postal Service  
with sufficient postage as first class mail in an  
envelope addressed to the Assistant  
Commissioner for Patents, Washington, D.C.  
20231.

FACSIMILE

- ☐ transmitted by facsimile to the Patent and  
Trademark Office.

*Susan M Dillon*  
Signature

Date: March 3, 2003

Susan M. Dillon

(type or print name of person certifying)

## EXTENSION OF TERM

**NOTE:** "Extension of Time in Patent Cases (Supplement Amendments) — If a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

*If a timely response has been filed after a Final Office Action, an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely-filed response placed the application in condition for allowance. Of course, if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-35).*

**NOTE:** See 37 C.F.R. § 1.645 for extensions of time in interference proceedings, and 37 C.F.R. § 1.550(c) for extensions of time in reexamination proceedings.

3. The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136 apply.

*(complete (a) or (b), as applicable)*

(a) ☐ Applicant petitions for an extension of time under 37 C.F.R. § 1.136 (fees: 37 C.F.R. § 1.17(a)(1)-(4)) for the total number of months checked below:

	Extension (months)	Fee for other than small entity	Fee for small entity
<input type="checkbox"/>	one month	\$ 110.00	\$ 55.00
<input type="checkbox"/>	two months	\$ 410.00	\$ 205.00
<input type="checkbox"/>	three months	\$ 930.00	\$ 465.00
<input type="checkbox"/>	four months	\$ 1,450.00	\$ 725.00

Fee: \$ \_\_\_\_\_

If an additional extension of time is required, please consider this a petition therefor.

*(check and complete the next item, if applicable)*

☐ An extension for \_\_\_\_\_ months has already been secured. The fee paid therefor of \$ \_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ \_\_\_\_\_

**OR**

(b) ☒ Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1) (Col. 2) (Col. 3) SMALL ENTITY					OTHER THAN A SMALL ENTITY			
Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra	Rate	Addit. Fee	OR	Rate	Addit. Fee	
Total	Minus	=	x \$9 =	\$0		x \$18 =	\$	
Indep.	Minus	=	x \$42 =	\$0		x \$84 =	\$	
[ ] First Presentation of Multiple Dependent Claim			+ \$140 =	\$0		+ \$280 =	\$	
				Total Addit. Fee		OR	Total Addit. Fee	
				\$ 0.00			\$	

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "O" in Col. 3.  
 \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, enter "20".  
 \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3".  
 The "Highest No. Previously Paid For" (Total or Indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made canceling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

- (c) [X] No additional fee for claims is required.

OR

- (d) [ ] Total additional fee for claims required \$ \_\_\_\_\_.

## FEE PAYMENT

5. [ ] Attached is a check in the sum of \$ \_\_\_\_\_.  
 [ ] Charge Account No. \_\_\_\_\_ the sum of \$ \_\_\_\_\_.  
 A duplicate of this transmittal is attached.

## FEE DEFICIENCY

*NOTE: If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).*

6. [X] If any additional extension and/or fee is required, charge Account No. 04-1105.

## AND/OR

[X] If any additional fee for claims is required, charge Account No. 04-1105.

*Christ C. O.*

SIGNATURE OF PRACTITIONER

Reg. No. 38,256

Christine C. O'Day

(type or print name of practitioner)

Dike, Bronstein, Roberts & Cushman

Intellectual Property Group

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21874

PATENT TRADEMARK OFFICE



Docket No. 49979 (71965)

ASA  
#18/C  
3/14/03  
NOT  
ENTERED

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THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, DC 20231

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SIR:

TECH CENTER 1600/2900

SECOND AMENDMENT AFTER FINAL REJECTION

Applicants are in receipt of the Advisory Action dated November 4, 2002. In order to maintain pendency of the application, Applicants filed a Notice of Appeal on January 3, 2003. It is requested that the application be amended as follows.

IN THE CLAIMS

Kindly amend the noted claims to read as follows.

16. A method for screening a compound that inhibits or enhances activity of an acetyltransferase to catalyze a reaction that transfers an acetyl group from one substrate to another, the method comprising:

- (a) contacting the acetyltransferase with a peptide substrate in a presence of a test compound,
- (b) detecting an amount of an acetylated peptide substrate using an anti-acetylated peptide antibody, wherein the anti-acetylated peptide antibody recognizes only an acetylated form of the peptide substrate and does not recognize to any appreciable degree the peptide substrate in its unacetylated form,
- (c) comparing the amount of the acetylated peptide substrate detected in step (b) with